

ABSTRACT OF THE DISCLOSURE

A polarized beam splitter includes an inclined intermediate layer between two glass prisms. The intermediate layer includes an adhesive layer and a polarized light separating membrane. The intermediate layer may be wedge-shaped in order to compensate for or to cancel astigmatism of light transmitted by the polarized beam splitter caused by the inclination of the intermediate layer. The polarized beam splitter may also be formed with the refractive indexes of the glass and the adhesive of the adhesive layer chosen to reduce astigmatism. Embodiments of three-color projection image display devices that use the polarized beam splitter are also disclosed. The three-color projection image display devices may use one or three polarized beam splitters with a Philips prism or use two polarized beam splitters with a COLORQUAD.